

PATENT

App. Ser. No.: 09/870,319

Atty. Dkt. No. ROC920010082US1

PS Ref. No.: IBMK10082

IN THE CLAIMS:

Please cancel claims 43, 44, 48 and 49 without prejudice and amend the claims as follows:

1. (Currently Amended) A system in a distributed computing environment having a plurality of nodes located across geographically dispersed boundaries, comprising:

a server configured with an internationalization application programming interface configured to extract an internationalization context provided by a client device, wherein the internationalization context specifies geographically specific parameters for the client device; and

a resource manager configured to receive the internationalization context extracted by the server and process a request to invoke a remote procedure call received from the client device using the geographically specific parameters internationalization context, and further configured to generate a second request to invoke a second remote procedure call, to attach the internationalization context to the second request and to propagate the second request to an application associated with an application interface on a second server.

2. (Original) The system of claim 1, wherein the resource manager is a database management system.

3. (Original) The system of claim 1, wherein the resource manager comprises an application which is configured to use the internationalization context to perform calculations and return a result formatted according to a specification of the internationalization context.

4. (Original) The system of claim 1, wherein the internationalization context contains a country identification.

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5. (Original) The system of claim 1, wherein the internationalization context contains a language identification.
6. (Original) The system of claim 1, wherein the internationalization context contains a time zone identifier.
7. (Original) The system of claim 1, wherein the internationalization context is transmitted by the server to at least one of the plurality of nodes in the distributed computer environment.
8. (Original) The system of claim 1, wherein the internationalization context comprises locale information and a time zone identifier.
9. (Original) The system of claim 1, wherein the locale information comprises at least one of a country identifier, a language identifier and a currency identifier.
10. (Currently Amended) A method operative in a distributed computing environment having clients and a plurality of servers located across geographically dispersed boundaries, comprising:
 - receiving, at a server, a first request from a client, wherein the first request is a request to invoke a remote procedure call at the server;
 - receiving, at the server, a second request from the client, wherein the second request comprises an internationalization context for processing the first request, wherein the internationalization context specifies geographically specific parameters set for the client;
 - extracting the internationalization context from the second request; and
 - processing the first request at the server using the internationalization context;
 - attaching the internationalization context to the first request; and
 - propagating the first request with the attached internationalization context from the server to an application associated with an application interface on a second server.

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11. (Original) The method of claim 10, wherein processing the first request comprises providing the first request and internationalization context to an application to perform calculations using the internationalization context and return a result formatted according to the internationalization context.
12. (Original) The method of claim 10, further comprising sending the internationalization context from the server to at least one of the plurality of servers in the distributed computing environment.
13. (Original) The method of claim 10, wherein the internationalization context contains a country identifier.
14. (Original) The method of claim 10, wherein the internationalization context contains a language identifier.
15. (Original) The method of claim 10, wherein the internationalization context contains a time zone identifier.
16. (Original) The method of claim 10, wherein the internationalization context contains at least a locale specification and a time zone identifier.
17. (Original) The method of claim 16, wherein the locale specification comprises at least one of a country identifier, a language identifier and a currency identifier.
18. (Original) The method of claim 10, further comprising processing the first request according to a country identifier of the server if the internationalization context does not contain a country identifier.
19. (Original) The method of claim 10, further comprising processing the first request according to a universal time zone identifier if the internationalization context does not contain a time zone identifier of the client.

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20. (Original) The method of claim 10, further comprising processing the first request according to a time zone identifier of the server if the internationalization context does not contain a time zone identifier.

21. (Currently Amended) A method operative in a distributed computing environment comprising a client computer and a plurality of server computers, comprising:

receiving, at one of the plurality of server computers, an internationalization context from the client computer, wherein the internationalization context contains at least a locale specification and a time zone identifier; and

processing a request from the client computer to invoke a remote procedure call, the request being processed according to the internationalization context provided by the client computer;

generating a main body of a second request to invoke a second remote procedure call;

attaching the internationalization context to the main body; and

propagating the second request with the attached internationalization context from the server to an application associated with an application interface on a second server.

22. (Original) The method of claim 21, wherein the internationalization context contains a country identifier.

23. (Original) The method of claim 21, wherein the client and the plurality of servers are located across geographically dispersed boundaries.

24. (Original) The method of claim 21, wherein the internationalization context contains a language identifier.

25. (Original) The method of claim 21, wherein the internationalization context contains a time zone identifier.

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26. (Original) The method of claim 21, wherein the locale specification comprises at least one of a country identifier, a language identifier and a currency identifier.

27. (Currently Amended) A signal bearing medium, comprising a program which, when executed, performs a method, comprising:

parsing a message from a client computer, wherein the message contains internationalization context, wherein the internationalization context specifies geographically specific parameters set for the client computer, whereby a computing environment of the client computer reflects the internationalization context to a user of the client computer;

extracting the internationalization context from the request; and

providing the internationalization context to an application in order to configure the application to process a request from the client computer to invoke a remote procedure call on the server computer, according to the internationalization context provided by the client computer;

generating a main body of a second request to invoke a second remote procedure call;

attaching the internationalization context to the main body; and

propagating the second request with the attached internationalization context from the server to an application associated with an application interface on a second server.

28. (Original) The signal bearing medium of claim 27, wherein the internationalization context contains a country identifier.

29. (Original) The signal bearing medium of claim 27, wherein the internationalization context contains a language identifier.

30. (Original) The signal bearing medium of claim 27, wherein the internationalization context contains a time zone identifier.

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31. (Original) The signal bearing medium of claim 27, wherein the internationalization context contains at least a locale specification and a time zone identifier.

32. (Original) The signal bearing medium of claim 27, wherein the locale specification comprises at least one of a country identifier, a language identifier and a currency identifier.

33. (Currently Amended) A signal bearing medium, comprising a program which, when executed by a processor of a server configured with a default locale setting and a default time zone setting, performs a method, comprising:

 parsing a first request from a client computer;

 parsing a second request from the client computer, wherein the second request comprises an internationalization context containing a user specified locale specification and a time zone identifier;

 extracting the client's internationalization context from the second request; and

 processing the first request at the server using the internationalization context;

generating a main body of a second request to invoke a second remote procedure call;

attaching the internationalization context to the main body; and

propagating the second request with the attached internationalization context from the server to an application associated with an application interface on a second server.

34. (Original) The signal bearing medium of claim 33, wherein processing the first request comprises providing the first request and the internationalization context to an application configured to perform calculations using the internationalization context.

35. (Original) The signal bearing medium of claim 33, further comprising sending the internationalization context from the server to at least one of the plurality of servers in the distributed computing environment.

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36. (Original) The signal bearing medium of claim 33, wherein the internationalization context contains a country identifier.
37. (Original) The signal bearing medium of claim 33, wherein the internationalization context contains a language identifier.
38. (Original) The signal bearing medium of claim 33, wherein the internationalization context contains a time zone identifier.
39. (Original) The signal bearing medium of claim 33, wherein the internationalization context contains at least a locale specification and a time zone identifier.
40. (Original) The signal bearing medium of claim 39, wherein the locale specification comprises at least one of a country identifier, a language identifier and a currency identifier.
41. (Original) The signal bearing medium of claim 33, further comprising processing the first request according to a country identifier of the server if the internationalization context does not contain a country identifier.
42. (Original) The signal bearing medium of claim 33, further comprising processing the first request according to a time zone identifier provided by the server if the time zone identifier of the internationalization context is set to null.
43. (Canceled) A computer data signal embodied in a transmission medium, comprising an internationalization context containing at least a locale specification and a time zone identifier, wherein the internationalization context configures a processor of a computer to process requests according to the internationalization context, and wherein the internationalization context specifies geographically specific parameters set for the client computer.

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44. (Canceled) The computer data signal of claim 43, wherein the locale specification comprises at least one of a country identifier, a language identifier and a currency identifier.

45. (Currently Amended) A method for transparently propagating internationalization context information, comprising:

receiving, at a first computer, a first request from a second computer, the first request including an internationalization context, wherein the internationalization context specifies geographically specific parameters set for the client computer;

extracting the internationalization context from the first request; and

associating the internationalization context with a thread executing a second request, from the second computer, to invoke a remote procedure call at the first computer;

generating a main body of a second request to invoke a second remote procedure call

attaching the internationalization context to the second request; and

propagating the second request with the attached internationalization context from the server to an application associated with an application interface on a second server.

46. (Original) The method of claim 45, wherein the internationalization context contains at least a locale specification and a time zone identifier.

47. (Original) The method of claim 45, further comprising sending a first main body of the first request to the thread.

48. (Canceled) The method of claim 47, further comprising:

attaching the internationalization context to a second main body to form a second request; and

transmitting the second request to a third computer.

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49. (Canceled) The method of claim 48, wherein the second main body is associated with an interface, and wherein the internationalization component is not added to the interface.

50. (Original) The method of claim 45, wherein the thread comprises a legacy application thread.

51. (Original) The method of claim 45, wherein the internationalization component comprises culture sensitive information.

52. (Previously Presented) A method for transparently propagating internationalization context information from a first server processing a first remote procedure call to an application associated with an application interface on a second server, the method comprising:

generating a main body of a request to invoke a second remote procedure call;

attaching an internationalization context to the main body, wherein the internationalization context is not added to the application interface, and wherein, wherein the internationalization context specifies geographically specific parameters set for a client computer; and

propagating the internationalization context information from the first server to the application the second server.

53. (Original) The method of claim 52, wherein the internationalization context contains at least a locale specification and a time zone identifier.